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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/325,143	06/03/1999	CHIN-HUI LEE	LEE22-1	2458

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EXAMINER

GAUTHIER, GERALD

ART UNIT

PAPER NUMBER

2645

20

DATE MAILED: 10/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

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**Office Action Summary**

Application No.

09/325,143

Applicant(s)

LEE, CHIN-HUI

Examiner

Gerald Gauthier

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
 THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☒ Claim(s) 7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 17, 19. 6) ☐ Other:

## DETAILED ACTION

### *Claim Objections*

1. **Claim 7** is objected to because of the following informalities: line 1 "method of claim 7" should be "method of claim 6". Correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-8** are rejected under 35 U.S.C. 102(e) as being anticipated by Murveit et al. (US 6,570,964).

Regarding **claim 1**, Murveit discloses a technique for recognizing telephone numbers and other spoken information embedded in voice messages (column 1, lines 8-12) (which reads on claimed "a method of listening to key segments in a voice message") comprising the steps of:

identifying a key segment (column 4, lines 48-52) [The voice recognition system identifies potential speech utterances];

storing characteristics of the key segment (column 4, lines 48-57) [The voice messages system segments the voice messages into a plurality of such utterances. The system inherently stores the identified speech utterances as speech reference models];

receiving a voice message (column 4, lines 29-47) [The voice recognition system receives a voice message from the voice messaging system];

comparing the stored characteristics of key segment against the voice message to detect the key segment in the voice message (column 4, lines 53-67) [The voice recognition system searches the entire messages for a predetermined speech reference model];

tagging a location of the key segment in the voice message (column 6, lines 37-52) [The voice recognition identifies potential speech utterances in the stored voice messages which is tagging the segments of the voice message to be outputted];

receiving an enquiry (column 6, line 29 "awaits input from the recipient") to listen to the key segment in the voice message (column 6, lines 28-36) [The voice recognition awaits for input from the recipient selecting the type of information it's interested in];  
and

retrieving the key segment from the location for playback (column 6, lines 53-59) [The voice recognition system audibly replay the portion of the voice message which includes the caller's telephone number].

Regarding **claims 2 and 7**, Murveit discloses a registering the key segment by storing an identification and a characteristic of the key segment (column 6, lines 15-27).

Regarding **claim 3**, Murveit discloses a predefining the key segment (column 5, lines 24-29).

Regarding **claim 4**, Murveit discloses wherein the enquiry for the key segment includes speech (column 6, lines 15-27).

Regarding **claims 5 and 8**, Murveit discloses a pronunciation of the key segment (column 6, lines 53-59).

Regarding **claim 6**, Murveit discloses a technique for recognizing telephone numbers and other spoken information embedded in voice messages (column 1, lines 8-12) (which reads on claimed “a method of listening to key segments in a voice message”) comprising the steps of:

receiving a voice message (column 4, lines 29-47) [The voice recognition system receives a voice message from the voice messaging system];

receiving an enquiry (column 6, line 29 “awaits input from the recipient”) to listen to a key segment (column 6, line 30 “selecting a type of information”) in the voice message (column 6, lines 28-36) [The voice recognition awaits for input from the recipient selecting the type of information it's interested in];

either obtaining the characteristics of the key segment from predefined key segments or storing characteristics of the key segment (column 6, lines 37-52) [The voice recognition system searches for a predetermined numeric grammar. The applicant uses a selective or for storing characteristics of the key segments];

comparing the stored characteristics of key segment against the voice message to detect the key segment in the voice message (column 4, lines 53-67) [The voice recognition system searches the entire messages for a predetermined speech reference model];

tagging a location of the key segment in the voice message (column 6, lines 37-52) [The voice recognition identifies potential speech utterances in the stored voice messages which is tagging the segments of the voice message to be outputted]; and

retrieving the key segment from the location for playback (column 6, lines 53-59) [The voice recognition system audibly replay the portion of the voice message which includes the caller's telephone number].

### ***Response to Arguments***

4. Applicant's arguments with respect to **claims 1-8** have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gerald Gauthier whose telephone number is (703) 305-0981. The examiner can normally be reached on 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (703) 305-4895. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

  
g.g.  
September 24, 2003

FAN TSANG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

